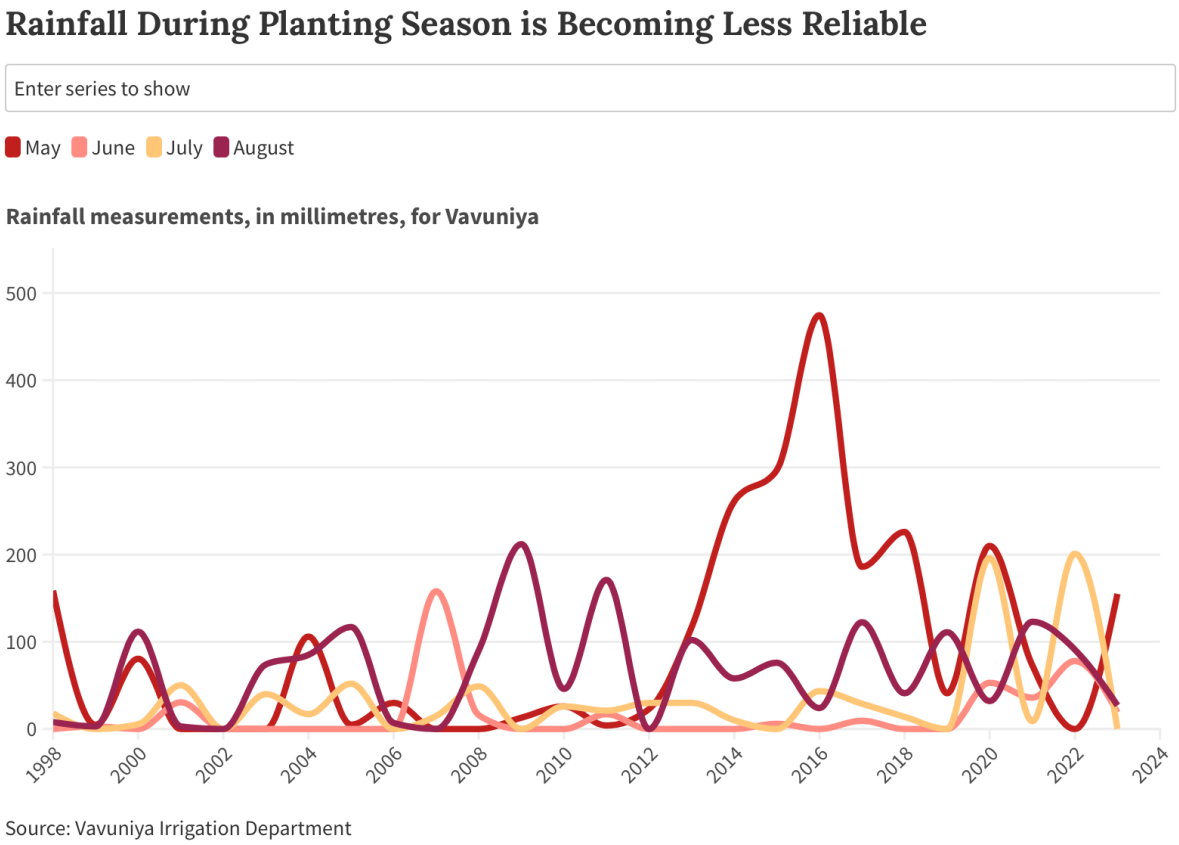
GPJNews_Srilanka_TI_ FreshwaterFishing

SCREENSHOTS and TEXT for AR/FC/CE/Translation



Source: Vavuniya Irrigation Department

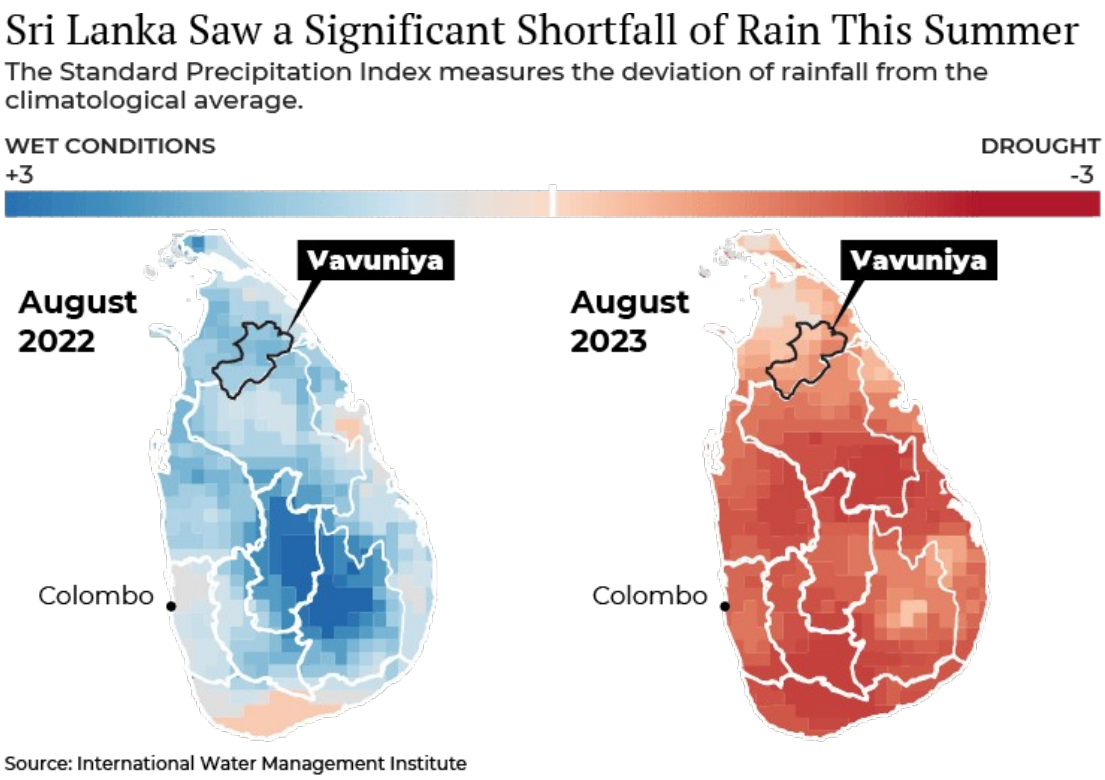
LINK to interactive chart ENGLISH VERSION

Rainfall During Planting Season is Becoming Less Reliable
Rainfall measurements, in millimetres, for Vavuniya

Year	May	June	July	August
1998	158.7	0	18	8
1999	4.8	3	0	3
2000	80.6	0	5.5	111.6
2001	0	30.6	50.2	3
2002	0	0	0	0
2003	0	0	40	74
2004	106	0	17	85
2005	5	0	52	117
2006	30	0	0	7
2007	0	158	15	0

2008	0	16	49	90
2009	13	0	0	212
2010	26	0	26	46
2011	4	17	21	171
2012	23	0	30	0
2013	117	0	30	102
2014	261	0	10	58
2015	297	6	0	76
2016	474.5	0	43.5	24
2017	186	9.5	29	122.5
2018	226	0	14	41
2019	41	0	0	111
2020	210	53	196	32
2021	73	36	9	123
2022	0	78	201	91
2023	155	19	0	27

Source: Vavuniya Irrigation Department



Sri Lanka Saw a Significant Shortfall of Rain This Summer

The Standard Precipitation Index measures the deviation of rainfall from the climatological average.

Wet conditions
+3
Drought
-3

August 2022
August 2023

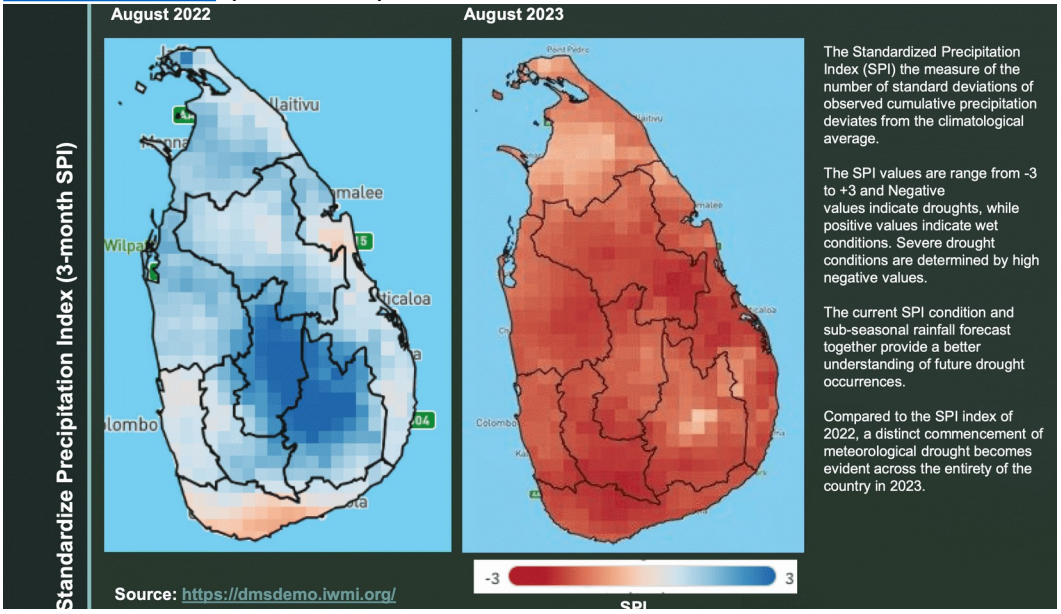
Colombo
Vavuniya

Source: International Water Management Institute

SOURCES and LINKS

INTERACTIVE CHART DATA SOURCE

MAP SOURCE (PAGE 10)


Standardize Precipitation Index (3-month SPI)
August 2022
August 2023
Jaitivu
malee
Wilpa
ticaloa
lombo
Point Pedro
Colombo
-3
3
SPI
Source: https://dmsdemo.iwmi.org/
The Standardized Precipitation Index (SPI) the measure of the number of standard deviations of observed cumulative precipitation deviates from the climatological average.
The SPI values are range from -3 to +3 and Negative values indicate droughts, while positive values indicate wet conditions. Severe drought conditions are determined by high negative values.
The current SPI condition and sub-seasonal rainfall forecast together provide a better understanding of future drought occurrences.
Compared to the SPI index of 2022, a distinct commencement of meteorological drought becomes evident across the entirety of the country in 2023.